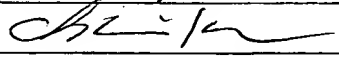




Sheet 1 of 5

|   |  |                               |
|---|--|-------------------------------|
| <b>Form PTO-1449 Modified</b><br><br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary)<br><br>U.S. Department of Commerce<br>Patent and Trademark Office | Docket No.<br>DAVI-0005/<br>2393063/MJC/RR | Application No.<br>09/787,082 |
|   | Applicant<br>David James Craik, et al.     |                               |
|   | Filing Date<br>June 14, 2001               | Group<br>1653                 |
|   | Confirmation No.<br>1485                   |                               |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

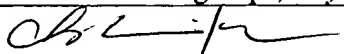
|  |    |   |
|--|----|---|
| CMK  | 5  | Al-Obeidi, F., et al., "Potent and prolonged acting cyclic lactam analogues of $\alpha$ -melanotropin: design based on molecular dynamics," <i>J. Med. Chem.</i> , <b>1989</b> , 32, 2555-2561  |
|  | 6  | Armishaw, C.J., et al., "Synthesis of backbone cyclic analogues of $\alpha$ -conotoxin IMI by chemoselective ligation of unprotected linear precursors," Benedetti, E., et al. (Eds.), <i>Peptides</i> , <b>2002</b> , 1 page (Abstract)  |
|  | 7  | Armishaw C.J., et al., "Synthesis of N to C terminal cyclic analogues of $\alpha$ -conotoxin ImI by chemoselective ligation of unprotected linear precursors," <i>Peptides: The Wave of the Future</i> , Lebl, M., et al. (Eds.), <i>American Peptide Society</i> , <b>2001</b> , 113-114 |
|  | 8  | Botti, P., et al., "Cyclic peptides from linear unprotected peptide precursors through thiazolidine formation," <i>J. Am. Chem. Soc.</i> , <b>1996</b> , 118, 10018-10024   |
|  | 9  | Byk, G., et al., "Synthesis and biological activity of NK-1 selective, N-backbone cyclic analogs of the C-terminal hexapeptide of substance P," <i>J. Med. Chem.</i> , <b>1996</b> , 39, 3174-3178  |
|  | 10 | Charpentier, B., et al., "Synthesis and binding affinities of cyclic and related linear analogues of CCK <sub>8</sub> selective for central receptors," <i>J. Med. Chem.</i> , <b>1989</b> , 32, 1184-1190  |
|  | 11 | Chazin, W.J., et al., "Comparative studies of conformation and internal mobility in native and circular basic pancreatic trypsin inhibitor by <sup>1</sup> H nuclear magnetic resonance in solution," <i>Eur. J. Biochem.</i> , <b>1985</b> , 152, 429-437                                |
|  | 12 | Chu, V., et al., "Thermodynamic and structural consequences of flexible loop deletion by circular permutation in the streptavidin-biotin system," <i>Protein Science</i> , <b>1998</b> , 7, 848-859   |
|  | 13 | Claeson, P., et al., "Fractionation protocol for the isolation of polypeptides from plant biomass," <i>J. Nat. Prod.</i> , <b>1998</b> , 61, 77-81  |
| CMK  | 14 | Feng, Y., et al., "Circular permutation of granulocyte colony-stimulating factor," <i>Biochemistry</i> , <b>1999</b> , 38, 4553-4563  |
| EXAMINER  |    | DATE CONSIDERED 12/16/03  |

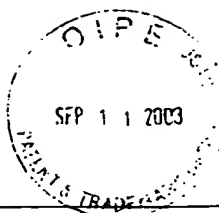


Sheet 2 of 5

|   |  |                               |
|---|--|-------------------------------|
| <b>Form PTO-1449 Modified</b><br><br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary)<br><br>U.S. Department of Commerce<br>Patent and Trademark Office | Docket No.<br>DAVI-0005/<br>2393063/MJC/RR | Application No.<br>09/787,082 |
|   | Applicant<br>David James Craik, et al.     |                               |
|   | Filing Date<br>June 14, 2001               | Group<br>1653                 |
|   | Confirmation No.<br>1485                   |                               |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|  |    |  |
|--|----|--|
| CMK  | 15 | Garrett, J.B., et al., "Are turns required for the folding of ribonuclease T1?," <i>Protein Science</i> , 1996, 5, 204-211   |
|  | 16 | Gilon, C., et al., "Backbone cyclization: a new method for conferring conformational constraint on peptides," <i>Biopolymers</i> , 1991, 31, 745-750   |
|  | 17 | Goldenberg, D.P., et al., "Circular and circularly permuted forms of bovine pancreatic trypsin inhibitor," <i>J. Mol. Biol.</i> , 1983, 165, 407-413   |
|  | 18 | Goldenberg, D.P., et al., "Folding pathway of a circular form of bovine pancreatic trypsin inhibitor," <i>J. Mol. Biol.</i> , 1984, 179, 527-545   |
|  | 19 | Goldenberg, D.P., "Dissecting the roles of individual interactions in protein stability: lessons from a circularized protein," <i>J. Cellular Biochemistry</i> , 1985, 29, 321-335   |
|  | 20 | Gray, W.R., et al., "Conotoxin MII - Disulfide bonding and conformational states," <i>J. Biological Chemistry</i> , October 25, 1983, 258(20), 12247-12251   |
|  | 21 | Gutknecht, R., et al., "The glucose transporter of <i>Escherichia coli</i> with circularly permuted domains is active <i>in vivo</i> and <i>in vitro</i> ," <i>J. Biological Chemistry</i> , October 2, 1998, 273(40), 25745-25750 |
|  | 22 | Hennecke, J., et al., "Conversion of a catalytic into a structural disulfide bond by circular permutation," <i>Biochemistry</i> , 1998, 37, 17590-17597  |
|  | 23 | Hruby, V.J., "Design of peptide hormone and neurotransmitter analogues," <i>TIPS</i> , June 1985, 259-262  |
| CMK  | 24 | Hruby, V.J., "Conformational restrictions of biologically active peptides via amino acid side chain groups," <i>Life Sciences</i> , 1982, 31(3), 189-199   |
| EXAMINER  |    | DATE CONSIDERED 12/16/03   |

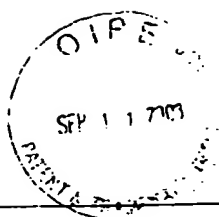


|   |  |                               |
|---|--|-------------------------------|
| <b>Form PTO-1449 Modified</b><br><br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary)<br><br>U.S. Department of Commerce<br>Patent and Trademark Office | Docket No.<br>DAVI-0005/<br>2393063/MJC/RR | Application No.<br>09/787,082 |
|   | Applicant<br>David James Craik, et al.     |                               |
|   | Filing Date<br>June 14, 2001               | Group<br>1653                 |
|   | Confirmation No.<br>1485                   |                               |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|     |    |  |
|-----|----|--|
| CMK | 25 | Jackson, D.Y., et al., "Enzymatic cyclization of linear peptide esters using subtiligase," <i>J. Am. Chem. Soc.</i> , <b>1995</b> , <i>117</i> , 819-820   |
|     | 26 | Jacobsen, R.B., et al., "A novel D-leucine-containing conus peptide: diverse conformational dynamics in the contryphan family," <i>J. Peptide Res.</i> , <b>1999</b> , <i>54</i> , 93-99                                     |
|     | 27 | Kreitman, R.J., "A circularly permuted recombinant interleukin 4 toxin with increased activity," <i>Proc. Natl. Acad. Sci. USA</i> , July <b>1994</b> , <i>91</i> , 6889-6893  |
|     | 28 | Kreitman, R.J., et al., "Increased antitumor activity of a circularly permuted interleukin 4-toxin in mice with interleukin 4 receptor-bearing human carcinoma," <i>Cancer Research</i> , August 1, <b>1995</b> , 3357-3363  |
|     | 29 | Lender, A., et al., "Design and synthesis of sulfur-free cyclic hexapeptides which contain the RGD sequence and bind to the fibrinogen GP IIb/IIIa," <i>Int. J. Peptide Protein Res.</i> , <b>1993</b> , <i>42</i> , 509-517 |
|     | 30 | Muir, T.W., et al., "Expressed protein ligation: a general method for protein engineering," <i>Proc. Natl. Acad. Sci. USA</i> , June <b>1998</b> , <i>95</i> , 6705-6710   |
|     | 31 | Myers, R.A., et al., "Conus peptides as chemical probes for receptors and ion channels," <i>Chem. Rev.</i> , <b>1993</b> , <i>93</i> , 1923-1936   |
|     | 32 | Okumu, F.W., et al., "Effect of restricted conformational flexibility on the permeation of model hexapeptides across caco-2 cell monolayers," <i>Pharmaceutical Res.</i> , <b>1997</b> , <i>14</i> (2), 169-175              |
|     | 33 | Olivera, B.M., et al., "Minireview: Conotoxins," <i>J. Biological Chemistry</i> , November 25, <b>1991</b> , <i>266</i> (33), 22067-22070  |
| CMK | 34 | Olivera, B.M., "Diversity of Conus neuropeptides," <i>Science</i> , July 20, <b>1990</b> , <i>249</i> , 257-250  |

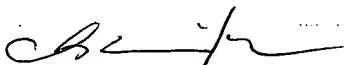
|          |             |                 |                 |
|----------|-------------|-----------------|-----------------|
| EXAMINER | <i>Chen</i> | DATE CONSIDERED | <i>12/16/03</i> |
|----------|-------------|-----------------|-----------------|



|   |   |                               |
|---|---|-------------------------------|
| <b>Form PTO-1449 Modified</b><br><br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary)<br><br>U.S. Department of Commerce<br>Patent and Trademark Office | Docket No.<br>DAVI-0005/<br>2393063/MJC/RR  | Application No.<br>09/787,082 |
|   | Applicant<br>David James Craik, et al.<br><br>Filing Date<br>June 14, 2001<br><br>Group<br>1653<br><br>Confirmation No.<br>1485 |                               |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|     |    |  |
|-----|----|--|
| CMK | 35 | Pallaghy, P.K., et al., "A common structural motif incorporating a cystine knot and a triple-stranded $\beta$ -sheet in toxic and inhibitory polypeptides," <i>Protein Science</i> , 1994, 3, 1833-1839          |
|     | 36 | Rivier, J.E., et al., "Bicyclic gonadotropin releasing hormone (GnRH) antagonists," <i>Peptides Chemistry, Structure and Biology</i> , 1990, 33-37   |
|     | 37 | Rote, K.V., et al., "Circular pancreatic trypsin inhibitor: A novel substrate for studies on intracellular proteolysis," <i>J. Biological Chemistry</i> , January 15, 1989, 264(2), 1156-1162                    |
|     | 38 | Saether, O., et al., "Elucidation of the primary and three-dimensional structure of the uterotonic polypeptide kalata B1," <i>Biochemistry</i> , 1995, 34, 4147-4158   |
|     | 39 | Tam, J.P., et al., "Thia zip reaction for synthesis of large cyclic peptides: mechanisms and applications," <i>J. Am. Chem. Soc.</i> , 1999, 121, 4316-4324  |
|     | 40 | Tam, J.P., et al., "Synthesis of large cyclic cystine-knot peptide by orthogonal coupling strategy using unprotected peptide precursor," <i>Tetrahedron Letters</i> , 1997, 38(32), 5599-5602                    |
|     | 41 | Tam, J.P., "A biomimetic strategy in the synthesis and fragmentation of cyclic protein," <i>Protein Science</i> , 1998, 7, 1583-1592   |
|     | 42 | Terada, S., et al., "Synthesis and hydrolysis by pepsin and trypsin of a cyclic hexapeptide containing lysine and phenylalanine," <i>Eur. J. Biochem.</i> , 1975, 52, 273-282                                    |
| CMK | 43 | Wieligmann, K., et al., "Eye lens $\beta$ B2-crystallin: circular permutation does not influence the oligomerization state but enhances the conformational stability," <i>J. Mol. Biol.</i> , 1998, 280, 721-729 |
| CMK | 44 | Zhang, L., et al., "Synthesis and application of unprotected cyclic peptides as building blocks for peptide dendrimers," <i>J. Am. Chem. Soc.</i> , 1997, 119, 2363-2370   |

|  |                         |
|--|-------------------------|
| EXAMINER  | DATE CONSIDERED 12/6/03 |
|--|-------------------------|



Sheet 5 of 5

|   |  |                               |
|---|--|-------------------------------|
| <b>Form PTO-1449 Modified</b><br><br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary)<br><br>U.S. Department of Commerce<br>Patent and Trademark Office | Docket No.<br>DAVI-0005/<br>2393063/MJC/RR | Application No.<br>09/787,082 |
|   | Applicant<br>David James Craik, et al.     |                               |
|   | Filing Date<br>June 14, 2001               | Group<br>1653                 |
|   | Confirmation No.<br>1485                   |                               |

**U. S. PATENT DOCUMENTS**

| Examiner Initial |    | Document No. | Date     | Name | Class | Subclass |
|------------------|----|--------------|----------|------|-------|----------|
| CMK              | 45 | 5,589,356    | 12/31/96 | Tam  | 435   | 68.1     |
|                  |    |              |          |      |       |          |
|                  |    |              |          |      |       |          |
|                  |    |              |          |      |       |          |
|                  |    |              |          |      |       |          |
|                  |    |              |          |      |       |          |
|                  |    |              |          |      |       |          |
|                  |    |              |          |      |       |          |
|                  |    |              |          |      |       |          |
|                  |    |              |          |      |       |          |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initial |    | Document No. | Date     | Country | Translation |    |
|------------------|----|--------------|----------|---------|-------------|----|
|                  |    |              |          |         | YES         | NO |
| CMK              | 46 | WO 96/34878  | 11/07/96 | PCT     |             |    |
|                  | 47 | WO 98/28434  | 07/02/98 | PCT     |             |    |
| CMK              | 48 | WO 98/56807  | 12/17/98 | PCT     |             |    |
|                  |    |              |          |         |             |    |

|                     |                                 |
|---------------------|---------------------------------|
| EXAMINER <i>CMK</i> | DATE CONSIDERED <i>12/16/03</i> |
|---------------------|---------------------------------|